GOVERNMENT OF INDIA
SHIPPING
LOK SABHA

UNSTARRED QUESTION NO:130
ANSWERED ON:02.02.2017
Development of Inland Waterways
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Will the Minister of SHIPPING be pleased to state:

(a) the details of progress achieved towards development of inland waterways identified under the National Waterways Act, 2016, waterway-wise including the waterway No. 40;
(b) whether the Government proposes to adopt Public Private Partnership (PPP) mode in the development of these waterways including terminals and waterways transportation in the country;
(c) if so, the details and the present status thereof, waterway-wise; and
(d) the details of waterways out of these which have become operational along with the time by which the remaining waterway are likely to become operational?

Answer

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI PON. RADHAKRISHNAN)

(a): The details of progress achieved towards development of National Waterways declared under the National Waterways Act, 2016 are as follow :

(i)Out of these 111 national waterways, National Waterway-1 (Ganga-Bhagirathi-Hooghly river system from Allahabad to Haldia), National Waterway− 2 (River Brahmaputra from Dhubri to Sadiya), NW-3 (West Coast Canal from Kottapuram to Kollam along with Udyogmandal and Champakara Canals) are operational and vessels are plying on these National Waterways.

(ii) Under the Jal Marg Vikas project, to enable movement of 1500-2000 DWT vessels on NW-1 from Haldia to Varanasi (Phase-I), sub-project for construction of multi-modal terminals at Varanasi, Sahibganj and Haldia and construction of new navigational lock at Farakka have been awarded and are being executed.

(iii)National Waterway -4 (Kakinada- Puducherry canals along with Godavari to Krishna rivers) : Dredging has been awarded to remove shallow patches in the stretch between Muktyala to Vijayawada of NW-4.
â€¦2/-

(iv) National Waterway -5 (East Coast Canal integrated with Brahmani river and Mahanadi delta rivers):The dredging operation in the non-tidal stretch between Erada to Padanipal has commenced. Lease agreement has been signed for 6.79 acres of land for setting up of temporary terminal facility at Erada. A scheme for developing the terminal with floating pontoon equipped with suitable cranes along with associated civil engineering work has been sanctioned and work for construction of pontoon with gangway has been awarded.

(v) National Waterway -16 (River Barak) :Under Phase-I , the work order for development of fairway and providing navigational aids in the stretch between Ssilchar-Bhanga (Kms) has been awarded.

(vi) National Waterway − 40 (River Ghagra) :Under Phase-I, for development of the stretch from ManjhiGhat (Ghagra − Ganga confluence) to DohriGhat (165 km), E-tender has been issued for dredging including supply, operation and maintenance of cutter suction dredgers along with allied vessels and installation and maintenance of navigational aids. The studies regarding development of remaining national waterways is at Annexure.

(b)& (c):In the view of the increasing emphasis on Private Participation in Government projects, IWAI is planning to Equip, Operate and Manage some of its terminals through Supply/ Equip Operate and Manage (SOM) model. This model envisages Equipping, Operating and Managing the terminals by a private terminal operator through a revenue sharing model.

IWAI has decided to take up the following terminals through SOM mode for operation and management on a lease period of 30 years on revenue sharing basis:

i) GR Jetty in Kolkata on NW-1.
ii) Gaighat&Kalughatin Patna on NW-1.

(d):Thefeasibility and techno − economic studies for the new NWs will indicate the timelines for development of these waterways.
â€¦contd.

Annexure
STATE WISE STUDY: 106 NEW NATIONAL WATERWAYS

S. No.	State	No. of rivers / canal	Category-1 (Viable NWs: Fairway development planned)	Category-2 (Coastal NWs): Two Stage DPRs	Category-3 (Remote region NWs): Feasibility studies
1	Andhra Pradesh	2	Pennar	Tungabhadra	
2	Arunachal Pradesh	1	Lohit		
3	Assam	14	Barak	Dhansiri / Chathe, Lohit and Subansiri	Aai, Beki, Dehing, Dikhu, Doyans, Gangadhar, Jinjiram, Kopili, Puthimari and Tlwang (Dhaleswari)
4	Bihar	6	Gandak, Ghaghra (NW-40) and Kosi	Karamnasa, Punpun and Sone	
5	Delhi	1	Yamuna		
6	Goa	6	Cumberjua, Mandovi and Zuari	Chapora, Mapusa and Sal	
7	Gujarat	5	Mahi, Narmada, Sabarmati and Tapi	Jawai-Luni - Rann of Kutch	
8	Haryana	2	Indira Gandhi Canal and Yamuna		
9	Himachal Pradesh	3	Beas, Ravi and Sutlej		
10	Jammu & Kashmir	4	Chenab, Indus, Jhelum and Ravi		
11	Jharkhand	2	Subarnarekha	Kherkai	
12	Karnataka	11	Gurupur, Kabini, Kali, Netravathi, Panchagangavali (Panchagangoli), Sharavati and Udayavara	Bheema, Ghataprabha, Malaprabha and Tungabhadra	
13	Kerala	4	Alappuzha- Changanassery Canal, Alappuzha- Kottayam − Athirampuzha Canal and Kottayam-Vaikom Canal	AVM Canal	
14	Maharashtra	14	Amba, Dabhol Creek - Vashishti River, Kalyan-Thane-Mumbai Waterway - Vasai Creek - Ulhas River, Narmada, Rajpuri Creek, Revadanda Creek - Kundalika River, Savitri (Bankot Creek), Shastri River - Jaigad Creek and Tapi	Arunawati - Aran, Manjara, Nag, Penganga - Wardha and Wainganga - Pranahita	
15	Meghalaya	5	Ganol, Jinjiram, Kynshi, Simsang and Umngot (Dawki)		
16	Mizoram	1	Tlwang (Dhaleswari)		
17	Nagaland	1	Tizu - Zungki		
18	Odisha	5	Baitarni, Birupa - BadiGenguti - Brahmani, BudhaBalanga, Mahanadi and Subarnarekha		
19	Punjab	3	Beas, Indira Gandhi Canal and Sutlej		
20	Rajasthan	3	Indira Gandhi Canal, Jawai-Luni - Rann of Kutch and Luni		
21	TamilNadu	9	Kaveri - Kollidam, Palar, Pazhyar, Ponniyar, Tamaraparani	AVM Canal, Bhavani, Manimutharu and Vaigai	
22	Telangana	5	Bheema, Manjara, Penganga - Wardha, Tungabhadra and Wainganga - Pranahita		
23	Uttar Pradesh	10	Gandak and Ghaghra	Asi, Betwa, Chambal, Gomti, Karamnasa, Tons, Varuna and Yamuna	
24	West Bengal	15	Sunderbans Waterway - Bidya - ChhotaKalagachi (ChhotoKalergachi) - Gomar - Haribhanga - Hogla (Hogal) / Pathankhali - Kalindi (Kalandi) - Katakhali - Matla - Muri Ganga (Baratala) - Raimangal - Sahibkhali (Sahebkhali) - Saptamukhi - Thakurran	Ajoy, Damodar, Dvc Canal, Dwarekeswar, Ichamati, Rupnarayan, Silabati and Subarnarekha.	
			Bidya - ChhotaKalagachi (ChhotoKalergachi) - Gomar - Haribhanga - Hogla (Hogal) / Pathankhali - Kalindi (Kalandi) - Katakhali - Matla - Muri Ganga (Baratala) - Raimangal - Sahibkhali (Sahebkhali) - Saptamukhi - Thakurran	Bakreswar - Mayurakshi, Dwarka, Gangadhar, Jalangi, Kumari and Mahananda	
8		46	52		

Note: Some of the rivers / canals are in more than one State.
Note: West Cost Canal extended in Kerala under NW-3 (Category-2).
Note: Godavari extended in Telangana and Maharashtra under NW-4 (Category-3).
Note: Krishna extended in Telangana, Andhra Pradesh and Maharashtra under NW-4 (Category-3).
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